

**ABSTRACT**

- The system is an Internet Protocol-based computer network service that when installed, allows connected computers access Internet Protocol-based services if they are configured for any Internet Protocol-based network. This is
- 5 different from a conventional Internet Protocol-based network in which connected computers must be configured specifically for that network to access Internet Protocol-based services or to have custom applications running on them to allow this access. These services include, but are not limited to, World-Wide-Web browsing, sending and/or receiving electronic mail, file transfer, and multimedia conferencing.
- 10 The system supports any service that is Internet Protocol-based. The system is completely software-based. That is, it is a set of algorithms that are run on a computing platform. The platform that is executing the algorithms (the server) is a stand-alone system. No proprietary software is installed on the client.